

**Statement of small entity utility patent (non-provisional).**

**DECLARATION**

**Denis Solomon PhD is an individual not associated with any company or commercial organization.**

**I believe this work to be original.**

**I am the sole inventor.**

**I am a citizen of England, U.K.**

**Signed and dated in Miami, Florida this day.**

*Denis K. Solomon.*

**My address is: 233 SW 31<sup>st</sup> Road, Miami, FL 33129.**

**E-mail address: denissolomon@yahoo.com**

**Tel.# (305) 859-8228.**

**My U.K. address is: 54, Moores Lane, Standish near Wigan, Grt. Manchester WN6 0JD, ENGLAND.**

**IF ANYONE HAS FILED FOR A PATENT BASED ON THIS**  
**MANUSCRIPT OR A PORTION OF IT WITHIN THE LAST**  
**4-6 MONTHS , THAT INFORMATION MAY HAVE BEEN**  
**FRAUDULENTLY STOLEN FROM ME. PLEASE CONTACT**  
**ME URGENTLY. THANK YOU.**

10076266-021502

## **Helpful comments on U.K. examiner's report**

**A thorough examination of the U.K. examiner's quoted scientific citations reveals profound differences between**

**'prior art' and this patent application. This application illustrates the use of non-cellular/acellular, extracellular matrices (ECMs) in a 'sandwich' layer superimposed on a natural composite of materials involved in wound repair.**

**There is no biopolymer preparation using laboratory techniques as described in Black et al 1998. I make use of the science of the constituent composite materials for my simple mixture. Chitosan used by Black et al is '95% deacetylated' (i.e. by a chemical process), dissolved in 0.1% acid (as is collagen and chondroitin 4-6 sulfates) and mixed. They do seed HUVECs on top of their biopolymer but state in the 'Results' section, page 1333 (1) 'most showed features of dying cells' (2) 'very limited' ECM production by HUVECs. They do not detach**

**post confluent HUVECs using 5mM EDTA as I do, as**

205120 "02500

**their biopolymer scaffold does not support healthy growth of HUVECs.**

**They do not then go on to superimpose the mixed matrix secreted by both dermal fibroblasts and dermal microvascular endothelial cells onto the HUVECs ECM. Therefore, one can justifiably conclude that there is no 'prior art'.**

10076266.021602

*In the United States Patent and Trademark Office*

OATH OR AFFIRMATION

I, DENIS KON SOLOMON

DO SOLEMNLY SWEAR OR AFFIRM THAT IF ADMITTED TO PRACTICE BEFORE  
THE UNITED STATES PATENT AND TRADEMARK OFFICE:

I will observe the laws and rules of practice of the United States Patent and Trademark Office.

I will maintain the respect due to the United States Patent and Trademark Office and the officials  
thereof.

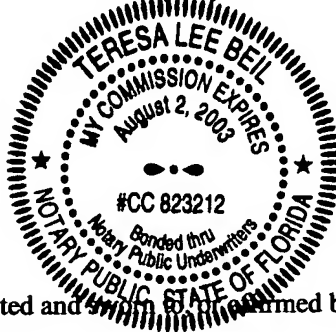
I will not counsel or maintain any application or proceeding which shall appear to me to be unjust,  
nor will I take any action except such as I believe to be honestly debatable under the law.

I will employ for the purpose of maintaining the causes confided to me such means only as  
are consistent with truth and honor and will never employ political influence nor seek to mislead  
the officials of the Office by any artifice or false statements of fact or law.

I will maintain in confidence and preserve inviolate the secrets of my client and will accept no  
compensation in connection with his or her business except from him or her with his or her  
knowledge or approval.

I will abstain from all offensive personality and advance no fact prejudicial to the honor or  
reputation of a party or witness unless required by justice of the cause with which I am charged.

I will not delay any man's cause for lucre or malice.



Denis K. Solomon.

*Signature of Applicant*

Submitted and sworn to before me this 30<sup>th</sup> day of January, 2002

(SEAL)

Teresa Lee Beil

*Signature of Notary Public*

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## DECLARATION — Utility ~~or Design~~ Patent Application

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☐ OR ☒ Correspondence address below

Name **DENIS E. SOLOMON**

Address **233 SW 31<sup>st</sup> Road,**

City **MIAMI**

State **FL.**

ZIP **33129**

Country **USA**

Telephone **(305) 859-8228**

Fax **—**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) **DENIS EON**

Family Name  
or Surname **SOLOMON**

Inventor's  
Signature **Denis E. Solomon.**

Date **1/30/02**

Residence: City **MIAMI**

State **FL.**

Country **USA**

Citizenship **UK**

Mailing Address **233 SW 31<sup>st</sup> Road,**

City **MIAMI**

State **FL.**

ZIP **33129**

Country **USA.**

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any])

Family Name  
or Surname

Inventor's  
Signature **N/A**

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing      OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	—
	First Named Inventor	DENIS E. SOLOMON
	<b>COMPLETE IF KNOWN</b>	
	Application Number	/
	Filing Date	.
	Art Unit	
	Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DENIS E. SOLOMON, 233 SW 31<sup>st</sup> ROAD, MIAMI, FL. 33129  
ENGLAND, UK.

"A surgical-medical dressing for the treatment of body burns and wound healing which employs human umbilical vein endothelial cell conditioned medium for human cell growth used in the manufacture of the dressing".

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number [ ] and was amended on (MM/DD/YYYY) [ ] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
GB 0008079.6	ENGLAND, UK	4/4/2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

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# DECLARATION (37 CFR 1.63) FOR UTILITY ~~OR DESIGN~~ APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention

SURGICAL-MEDICAL DRESSING FOR BODY BURNS &amp; WOUND HEALING et

As the below named inventor(s), I/we declare that:

This declaration is directed to:



The attached application, or



Application No. \_\_\_\_\_, filed on \_\_\_\_\_,



as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

## FULL NAME OF INVENTOR(S)

Inventor one: DENIS EDN SOLOMON

Signature: Denis K. Solomon

Citizen of: ENGLAND, UK.

Inventor two: \_\_\_\_\_

Signature: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Inventor three: \_\_\_\_\_

Signature: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Inventor four: \_\_\_\_\_

Signature: \_\_\_\_\_

Citizen of: \_\_\_\_\_

☐ Additional inventors are being named on \_\_\_\_\_ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.